TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-4th thick, or 2 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

SPECIMENS TO BE SEEN AT THE EXHIBITION, in the extreme south-eastern end of the building, adjoining the United States department.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured in sheets especially for Ridge and Furrow Roofs, giving a span of from 8 to 12 feet, at a price not exceeding weight for weight that of common Crown Glass. Not being transparent, blinds are unnecessary, and when used in Greenhouses no scorching occurs; its NON-TRANSPARENCY and strength render it eminently suitable for the Glazing of Conservatories and Roofs of all kinds; also Partitions, Workshops, &c., for which purposes it is supplied in squares of all sizes, from 6 by 6 inches and upwards.

For further information apply to Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1861.

GLASS.—JAMES PHILLIPS and CO.'s FOREIGN SHEET GLASS, of very superior quality, packed in cases containing 240 feet, and of sizes varying from 20 by 20 in. to 44 in. by 32 in., at 6s. per case. Smaller sizes, from 1 by 1 in. upwards. Glass Tiles and Slates. Rushes printed and stained, and cost home free of carriage, at 3d. per foot.

N.B. DEPOT FOR HARTLEY'S PATENT ROUGH PLATE GLASS.—116, Bishopsgate-street, Without.

JOHN GIBSON, STAINED GLASS WORKS, 68, Charlton-street West, Newcastle-on-Tyne. Ornamental Windows from 1s. to 10s. per foot. Figures in coloured niches and canopies at 10s. to 20s. per foot. Historical subjects at 20s. to 30s. per foot. Richly enamelled Windows in Gothic, Anglo-Norman, Early English, Decorated, Perpendicular, Greek, and Italian styles carefully executed.

CHEAP WINDOW GLASS.—BICKNOSS, of 46, Long-acre, is known to be the cheapest House for Belgian and English White and Stained GLASS. Estimates forwarded for any quantity, in original packs, or cut to size, but no credit given.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have now completed a new ENGINE and, owing to the further outlay, I can execute orders. I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUPERFICIAL and lower from SIXPENCE PER FOOT SUP. A large variety of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Gas laid.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, delivered and for glazing, of unrivalled quality and finish; ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufactures, at the lowest prices. Designs and estimates furnished for ornamental windows, either for house or church decoration. All applications for estimates and list of prices to be made at their warehouse, 218, HIGH-HOLBORN-STREET.

SOHO GLASS WAREHOUSE, 26, SOHO SQUARE.—ALFRED GOSLETT begs to inform Architects, Builders, and the trade generally, that he is prepared to contract for the following descriptions of Glass upon application:—BRITISH PLATE GLASS, of the finest colour and finish; PATENT PLATE GLASS; ORNAMENTAL GLASS, of all descriptions; COLOURED GLASS; ROUGH PLATE GLASS, ¼, ⅜, ½, and ¾ inch thick; PATENT ROLLED ROUGH PLATE, ¼, ⅜, and ½ inch thick; CROWN, SHEET, and HORTICULTURAL GLASS, cut to size and glazed, or in crates, as required; BELGIAN SHEET GLASS, in cases containing 200 feet each case included, at 3l. 2s. per case.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Plain and Stained, of every description. ROUGH PLATE GLASS from ¼ to 1 inch thick. Glass Partitions, Slates, &c. &c. White Lead, Paints, Colours, Oils, Varnishes, Brushes, &c.; Milled and Sheet Lead. Lead Pipe from ¼ inch to 41 inches bore; Solder, Wax, Gasets, Brass Plumbers' and Brass Work of every description, on the very best terms. Glass Ornamental Shades. Gilt Drop-pendants and Bee Glasses.—Address, 97, Bishopsgate-street Without.

See Advertisement, Saturday, June 29, 1861.

GLASS WATER PIPES.—Messrs. COATHUPP and CO., Crown and Sheet Glass Manufacturers, Kilkeen, near Bristol, beg to inform Engineers and others that they are supplying Glass Pipes, with their patent joint, 1 to 6 inches bore, capable of sustaining very great atmospheric pressure, in lengths from 3 to 7 feet, the lengths being in the diameters increase. These pipes may be seen at the Exhibition, with their various forms and modes of joining in Sec. C, class 34, and references can be given of their great utility in localities where they have been successfully employed. A great advantage of glass pipes for the conveyance of pure water over all metallic substances, has been too largely dwelt upon by medical and scientific authorities to require any further comment.

GLASS MARBLE COMPANY.—(WALLACE PATENT.)

The Trade is respectfully informed that SUB-LICENCES for the USE of this beautiful ARTICLE as a building material MAY BE OBTAINED, at a moderate premium.

Its applicability as a surface for the walls of halls, churches, rooms, cottages, mantelpieces, &c. either plain or panelled, and numerous other applications, both as internal and external work, is now too well demonstrated to the public, both at the Great Exhibition and elsewhere to need any comment. Its beauty can be made to surpass the most exquisite marbles, at a tenth of their expense, and it possesses at the same time a far greater durability. Its weight, a matter of some consideration where real marble is employed, is not sufficient to require more support than that of ordinary walls, and, if these be level, no other preparation is required.

Applications for Sub-licenses, and particulars to be made either by letter (post paid) or personally to the MANAGER, at the Office, 48, John-street, Tottenham-court-road.

E. WOLFF & SONS' PURIFIED BLACK LEAD PENCILS, perfectly free from grit, may be relatively erased, and will maintain a firm point.—E. WOLFF and SONS beg to inform the Trade that they have succeeded in greatly improving their Black Lead, that they are now manufacturing a PLUMBAGO, or BLACK LEAD PENCIL, entirely free from grit, which will easily yield to India Rubber, and consequently perfect erasure; it possesses great brilliancy and depth of colour, and will maintain a firm point. They have attained to so great a perfection in the manufacture of this Lead as to be able at all times to make the same strength and colour when once found to be suitable for any particular purpose, and have produced a pencil full equal to those used in former years, when they were made of the finest Cumberland Lead, which at the present time cannot be obtained sufficiently pure for the best pencils. The following are the degrees:—B, BB, BBB, HBBB, F, FF, HB, EHB, BB, BBB, W.—W. This pencil is particularly recommended for writing and counting-house use. E. WOLFF and SONS have the honour of supplying their PURIFIED BLACK LEAD PENCILS to Her Majesty's Stationery Office, the Admiralty, the Queen of England, several Railway Companies, and many other Public Establishments.—May be had of all respectable stationers, &c., and at the manufactory, 12, Church-street, Spitalfields, London.

This day is published, price One Shilling.

CHEAP, LIGHT, AND DURABLE ROOFING.

CROGGON'S PATENT ASPHALTE ROOFING FELT has been extensively used and pronounced efficient, and particularly applicable for warm climates.

1st. It is a non-conductor.—2nd. It is portable, being packed in rolls, and not liable to damage in carriage.—3rd. It adds a saving of half the timber usually required.—4th. It can be easily applied by any unprofessional person.—5th. From its lightness, not bling only about 40 lbs. to the square of 100 feet, the cost of carriage is small.—6th. Under slate, metal, or tiles, it is a most effective non-conductor.

INODOROUS FELT, for damp walls and for damp floors, under carpets and floor cloths. Price ONE PENNY per Square Foot.

CROGGON and CO.'S PATENT FELTED SHEATHING, for Covering Ships' Bottoms, &c., and

DRY HAIR FELT, for Covering Steam Boilers, Pipes, &c., preventing the radiation of Heat, saving 25 per cent. of Fuel, and deadening Sound.

Samples, testimonials, and full instructions, on application to CROGGON and CO., 8, BOWGATE-HILL, LONDON.

TO ARCHITECTS, BUILDERS, &c.

ALL descriptions of TERRA COTTA, CEMENT, and PLASTER CASTINGS executed in a first-rate manner, on reasonable terms, by J. HERBERT and SON, Modellers, &c., 48, Parker-street, Drury-lane. A splendid assortment of Corinthian, Ionic, and other Capitals; Centre Flowers, Balusters, Trusses, &c.; Elizabethan and other Chimney Shafts.

ARCHITECTS or BUILDERS requiring ENRICHMENTS in COMPOSITION, CEMENT, or PLASTER, cannot have better executed work than that produced by WM. SMART, jun., of 18, CROWN-STREET, FINSBURY, who will be happy to give Estimates for work of any magnitude, at a reduced scale of charges. Architects' designs modelled with precision, and generally truthfully carried out. Established in the family three-fourths of a century.

GREAVES'S PORTLAND, ROMAN, and LIAS CEMENTS.—The above possess every cementitious property, in an eminent degree, and are unequalled for all hydraulic purposes.

GREAVES'S GROUND BLUE LIAS LIME.

CHARLES RICHARDSON, Agent,

Office, Warwick. 6, South-wharf, Paddington.

FRENCH PLASTER mixed with sand forms a hard stucco for internal walls, which dries rapidly, and may be used in all cases in place of lime and hair, at a trifling increase of cost. It is stronger for ragged work than English plaster, and is cheaper in its first cost.—Importers and Manufacturers, J. B. WHITE and SONS, Millbank-street, Westminster; 11, South Wharf-road, Paddington; and Earl-street, Blackfriars.

ATKINSON'S CEMENT, made in London from the Stone supplied from the Malvern estate, is well known for its quick setting properties and fine natural colour, which have distinguished it for many years as the best Cement for Casting and all ornamental purposes.—Manufacturers, J. B. WHITE and SONS, Millbank-street, Westminster; 11, South Wharf-road, Paddington; and Earl-street, Blackfriars.

KEENE'S and PARIAN CEMENTS, for internal stucco, are employed very advantageously in place of wood for skirtings, architraves, and panel mouldings, and for in door flooring, instead of stone. The peculiar properties of PARIAN Cement allow of its being painted or papered upon within a few hours of its application, and thus render it an important substitute for common plastering in those cases where expedition and beauty of finish are essential.—J. B. WHITE and SONS, Millbank-street, Westminster; 11, South Wharf-road, Paddington; and Earl-street, Blackfriars, Patentees of KEENE'S Cement, Licensees of PARIAN Cement.

J. B. WHITE and SONS advise purchasers of PORTLAND CEMENT to ascertain if an article now selling under that name at a reduced price be the real Portland Cement or a spurious imitation of it in the shape of a lean Lime.

PORTLAND CEMENT, as manufactured by J. B. WHITE and SONS, possesses all the properties of the best Roman Cement, but has the advantage over that material of wholly resisting frost. When used as a stucco, it does not vegetate or turn green in damp situations, and requires no colouring. Employed as an hydraulic mortar for brickwork, it carries four to five measures of sand to one of cement, and is proved by trial to become harder and stronger in these proportions than Roman Cement with but one measure of sand. This superior cementing power, combined with its eminently hydraulic properties, point it out as the fittest material for building sea and embankment walls, the lining of reservoirs, cisterns, and baths, and for all those purposes where strength and a perfect resistance to water are required.

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PORTLAND CEMENT, in Casks of Four Imperial Bushels. QUANTITY NOT WEIGHT, BRING THE STANDARD.—CHAS. FRANCIS and SONS, Cement Works, Nine Elms, London.

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PORTLAND CEMENT.—CHARLES RICHARDSON has the greatest confidence in introducing to the trade the above superior CEMENT, being of uniform colour and quality, a desideratum never before attained in Portland Cement. It possesses extraordinary cementitious qualities, resists the action of frost and heat, and is more durable than any other Cement; does not vegetate, turn green, or crack, combined with which its eminent hydraulic properties stamp it at once as the first Cement of the day for work where all the above qualities are requisite. It is manufactured on the only principle Portland Cement can be, and contrary to the statements put forth by those who have hitherto had the monopoly. Manufactured by R. GREAVES, Esq., at his Works, near the River Avon, and sent to all parts of the kingdom per boat or rail, at a reduced price to the trade.

PORTLAND CEMENT, solely MANUFACTURED by WILLIAM ASPDIN, Sen. of the Patentee.—Messrs. ROBINS, ASPDIN, and Co. request reference to No. 296, page 491; and also Nos. 294 and 295, pages 343 and 351, of "The Builder," for accounts of EXPERIMENTS on the strength of Portland Cements, whereby the great superiority of their Cement is manifest. This Cement has been proved for upwards of twenty years in the Thames Tunnel to resist the action of water; it is stronger in its cementitious qualities, harder, and more durable than any other description of Cement; it does not vegetate, oxydate, or turn green; nor is it affected by any atmospheric influence whatever the climate, resisting alike the action of frost and heat. It is manufactured to set in from five to sixty minutes. For all purposes that Cement is applicable the Proprietors challenge competition.—Orders received by Messrs. ROBINS, ASPDIN, and Company, at their Manufactory, Northfleet, Kent, and their Wharf, Great Scotland-yard, Whitehall; also at their Depôt, 61, Hanover-street, Liverpool.

PARIAN CEMENT for internal use, to be PAINTED IN A FEW HOURS, AND PAPERED WITHIN A COUPLE OF DAYS.—CHARLES FRANCIS and SONS, Patentees, Nine Elms, London.

PERMANENT STUCCO WASH, WITHOUT SIZE OR OTHER CORRUPTIBLE INGREDIENT.

As used at St. George's Hospital, Hyde Park Corner.

JOHNS and CO. having effected some important improvements in the manufacture of this very useful material, confidently direct to the notice of the Trade and the Public generally, as possessing every advantage over the common Lime Wash or Water Colour for STUCCO or BRICK WORK. It is a Stone Colour, but may be tinted to any other.—DOES NOT WASH OFF—is perfectly dry in twenty-four hours, and, being a non-absorbent, is admirably adapted for Railway Stations, Union Workhouses, Barracks, Schools, Prisons, &c. One cwt. will cover 320 square yards. It will keep good for years, and MAY BE EXPORTED WITH PERFECT SAFETY.

JOHNS and CO.'S STUCCO CEMENT.—This cement, from the great reduction in price, and its suitableness for internal as well as external surfaces, places it above all other materials of its kind; it has no caustic qualities; may be painted or papered in a few days; never blisters, cracks, or vegetates; soon becomes as hard as stone; and may be cleaned with a brush and water.

The merits of the PAINT are well known for its application to stucco work of all kinds, and external work generally. Numerous testimonials, prospectuses, and every information may be obtained, on application to the Sole Agent, PHILIP HART, at the Warehouse, 22, Steel-yard, Upper Thames-street. A liberal allowance to wholesale dealers.

ROMAN and other CEMENTS.—Manufactured by J. M. BLASHFIELD, successor to the patentees, PARKER and WYATT, who, in 1796, first introduced PARKER'S ROMAN CEMENT, which has now for upwards of fifty years been extensively used in most of the public and private buildings and other works in this country and throughout the world. Among the more recent works in this country where it has been largely employed since the present proprietor became the manufacturer, may be named the Lyceum and St. James's Theatres, the Carlton, Reform, and Army and Navy Club Houses, the London Docks, the Thames Tunnel, the Winter Palace, St. Petersburgh, the British Museum, the York Minster, the New Exchange, the Nelson Column, and the New Houses of Parliament. When properly applied, it is the most perfect and economical Cement for hydraulic works known; and, when used as stucco, it will resist the action of heat and frost, and preserve work from damp. As a mortar for brickwork, it surpasses any other material, and is NEARLY AS CHEAP FOR SUCH WORK AS MORTAR MADE OF ORDINARY LIME. Terms, on Hydraulic Lime, for setting masonry where slow indurations is important, or to allow for the settlement of work. A Cement of extraordinary tenacity and hydraulic properties, and with which the most arduous works in Lancashire have been executed. Hamelin's Patent Mastic, or Oil Cement, which may be painted immediately after laying. Alan's Martin's Cement, Portland Cement, Genuine Plaster of Paris, prepared from the purest gypsum, and to any degree of fineness required. Chimney-pots, Tresses, Fire Tiles, &c.—Manufactory, Mill-wall, Poplar. Depôts, Commercial-road, Lambeth, and Paddington-basin. Counting-house, 4, New London-street, Mark-lane, City.

ROMAN CEMENT and PLASTER of PARIS WORKS

THOS. FREEN and CO.,

Manufacturers of ROMAN CEMENT, PLASTER of PARIS, and GROUND BLUE LIAS LIME.

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LIME WORKS, WOULDHAM, near ROCHESTER.

THOS. FREEN and CO. beg to inform builders, contractors, and others, that they have purchased the LIME WORKS at WOULDHAM, on the MEDWAY, of Mr. J. W. LINDRIDGE, and are now prepared to supply GREY, CHALK, and BLUE LIME, upon very reasonable terms, either by the barge, direct from their Works, or in small quantities from their Wharfs, viz.: TUSCANY WHARF, REGENT'S CANAL, KINGSLAND-ROAD, London; QUEEN'S WHARF, Great Cambridge-street, HACKNEY-ROAD; KING'S WHARF, NEW WHARF ROAD, BATTLE BRIDGE.

GREY-STONE LIME.—HALL, Brothers, Merstham Lime Works, near Reigate, beg to offer to Builders and others a list of their prices for Cash on delivery:

Grey-Stone Lime	4s. 6d. per Yard,	or 36 Bushels
Ditto, for Manure	4s. 6d.	ditto ditto
Ditto, Ashes	4s. 6d.	ditto ditto
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In no less than 50 Yard quantities, and put on the Railway in all goods stations on the London and Brighton and South Eastern Railways, or lines connected with them. A fresh supply had from the kilns daily, at the Bricklayers' Arms and Croydon Stations, and delivered to all parts.

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BATHS and CHURCHES.—Many are not yet aware that a good stationary boiler, THE BOILER, is now manufactured complete for ONE POUND, with an enamelled tube adapted for baths at ONE SHILLING and SIXPENCE. A stronger and ornamental kind for public baths and churches. A selection may be made from one Thousand Thermometers at BENNETTS, 65, Cheapside, manufacturer to the Royal Observatory, the Admiralty, and the Board of Ordnance.

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